



SERIES 300V
PROJECT OUT WINDOW
W/ THERMAL BREAK FRAME
"SMALL MISSILE IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When installed in areas requiring wind borne debris protection for installations above 30 feet above grade, this product complies with Section 1609.1.2 of the 2020 FBC as a small missile impact resistant product and does not require an impact resistant covering. This product meets missile level "A" and includes Wind Zone 4 as defined in ASTM E 1996. For installations 30 feet or less above grade, this product must be protected with an impact resistant covering that complies with section 1609.1.2 of the Florida Building Code.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

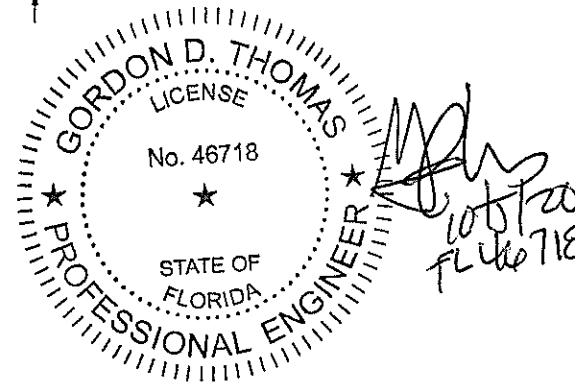
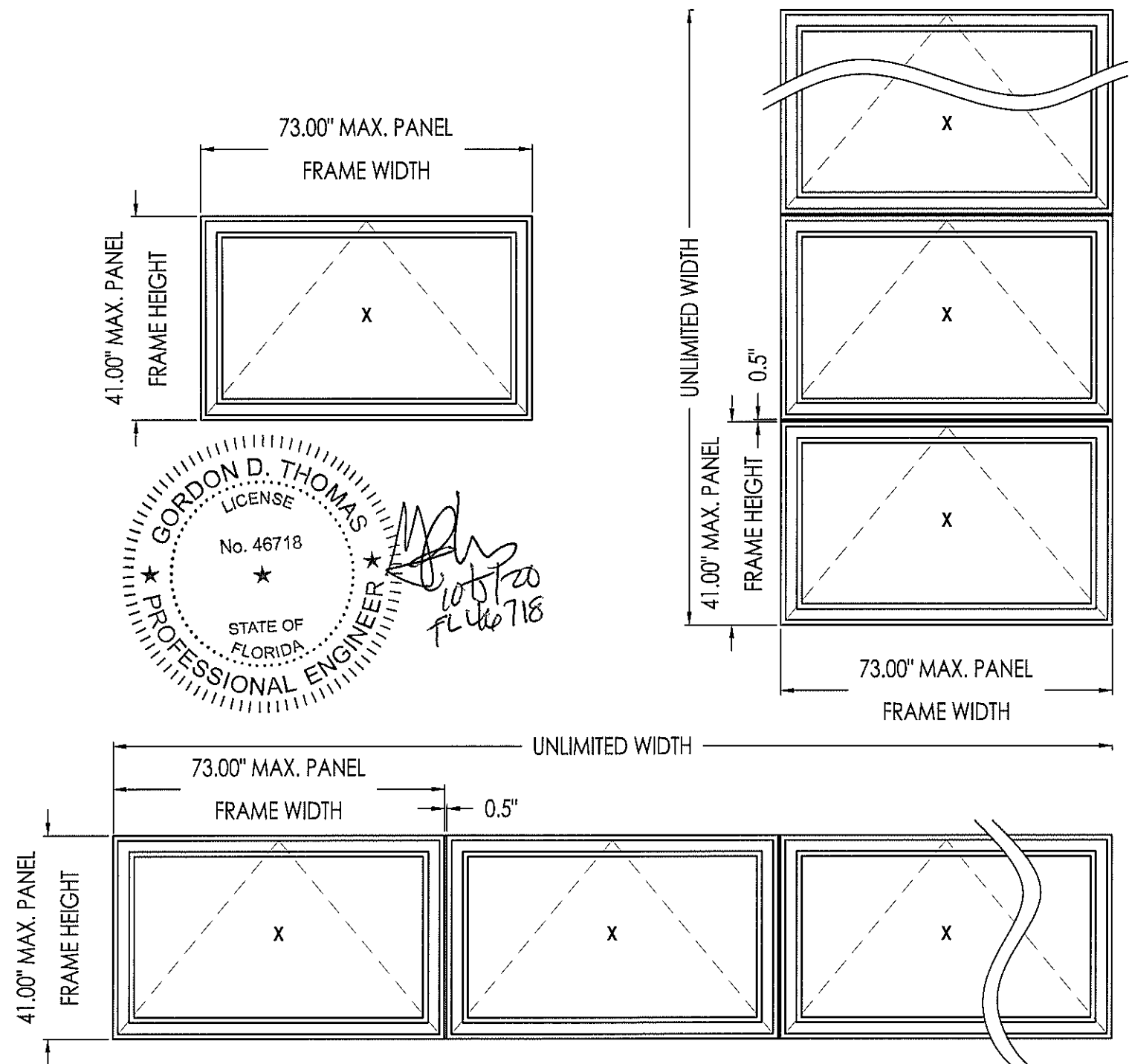


TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Table of contents, design pressures and general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Frame anchoring
5	Bill of materials, glazing details & components

CONFIGURATION	MAX. PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
SINGLE UNIT	73.00" x 41.00"	65.25" x 33.25"	G1	+ 65.0	- 65.0
MULLED UNIT	73.00" x 41.00"	65.25" x 33.25"	G1	+ 65.0	- 65.0

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PRODUCT:		300V PROJECT OUT WINDOW	
PART OR ASSEMBLY:		TABLE OF CONTENTS	
DESIGN PRESSURES		REVISIONS	
NO	DATE	DESCRIPTION	BY
1	09/21/20	UPDATE TO 7TH ED. (2020) FBC	JCB
2	09/03/19	UPDATE TO 2017 FBC	ECV
3	03/05/16	UPDATE TO 2014 FBC	CO
4	09/27/13	UPDATE TO 2010 FBC	CO

DATE: 03/05/16

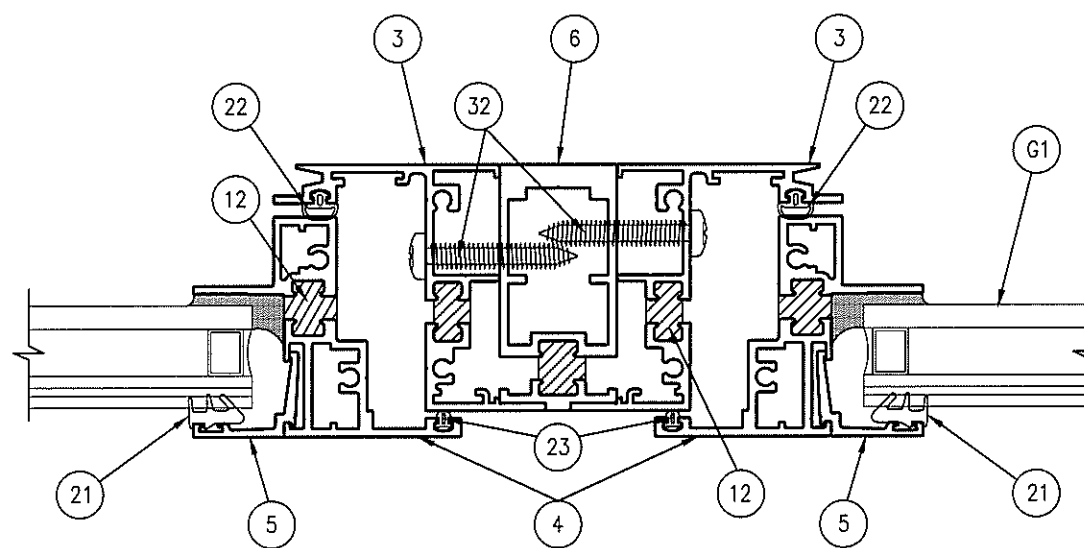
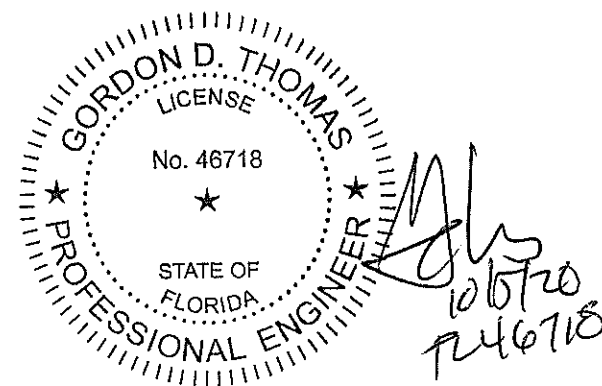
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CHK BY: ECV

DRAWING NO.: FL-9291.6

SHEET: 1 OF 5



2 HORIZONTAL CROSS SECTION
2



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PRODUCT: 300V PROJECT OUT WINDOW

RIGHT OR ASSEMBLY: _____

HORIZONTAL CROSS SECTIONS

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DATE: 03/05/16

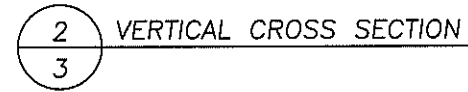
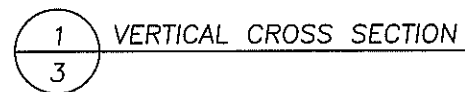
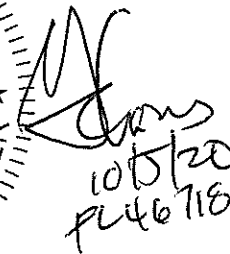
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SHEET: **2** OF **5**



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PART OR ASSEMBLY:

VERTICAL CROSS SECTIONS

							JCB
							ECV
							CO
							CO
							BY
							REVISIONS
NO	DATE	DESCRIPTION					
A	09/21/20	UPDATE TO 7TH ED. (2020) FBC					
A	09/03/19	UPDATE TO 2017 FBC					
A	03/05/16	UPDATE TO 2014 FBC					
A	09/27/13	UPDATE TO 2010 FBC					

DATE: 03/05/16

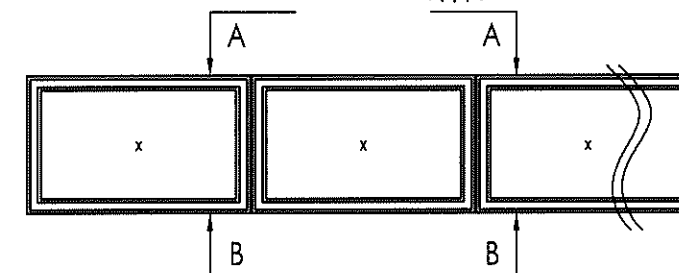
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FL-9291.6

SHEET: **3** OF **5**



THRU HEAD

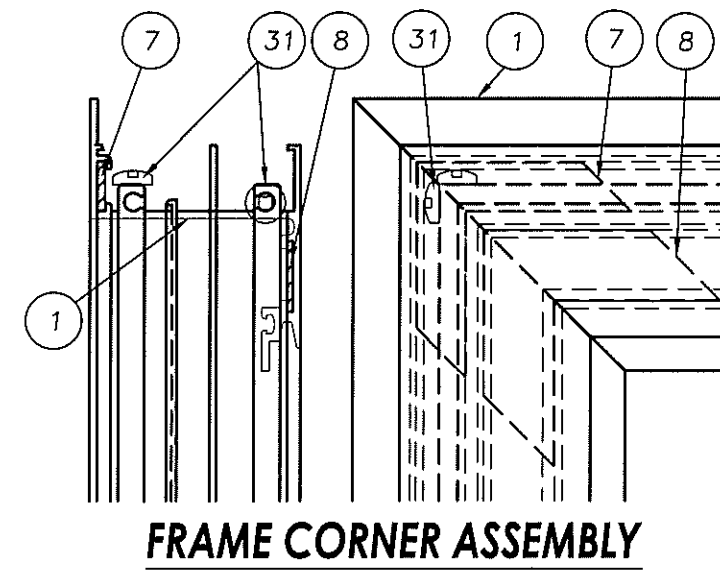
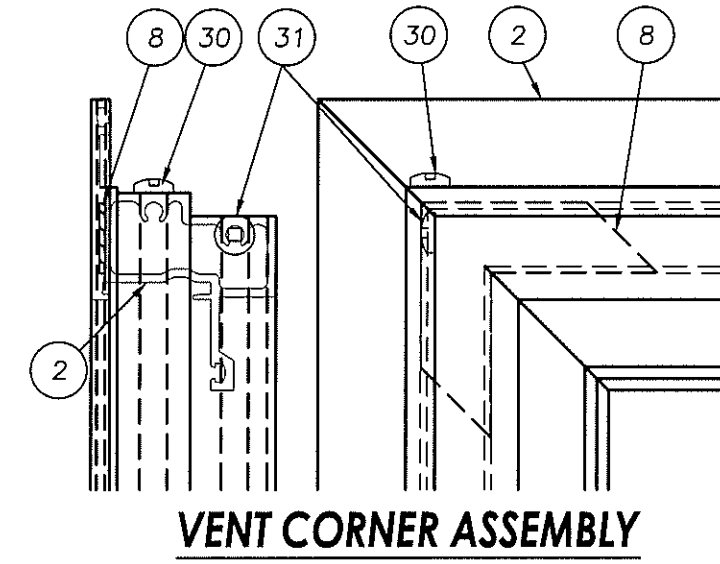
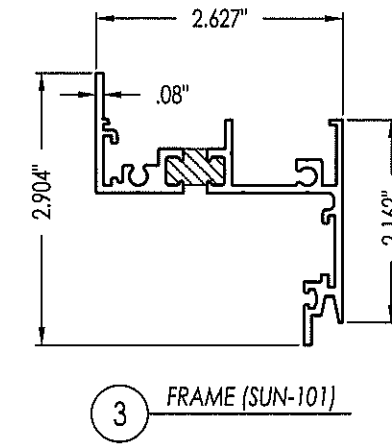
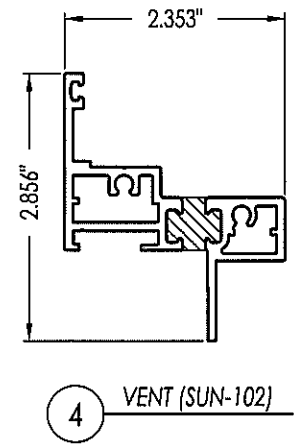
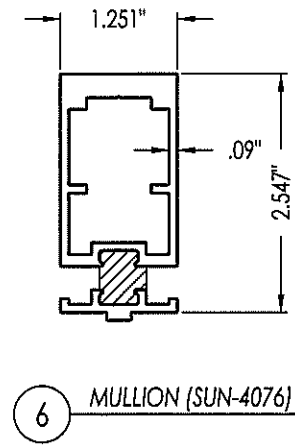
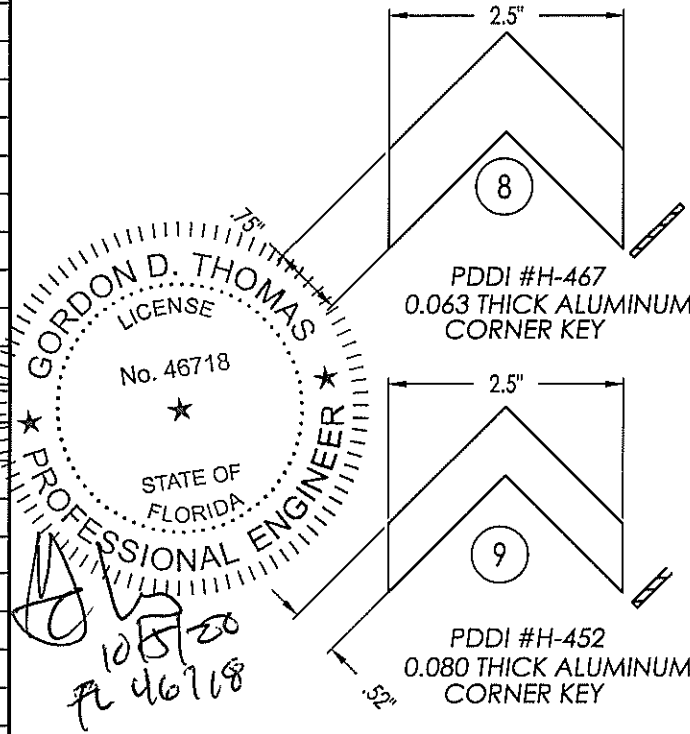
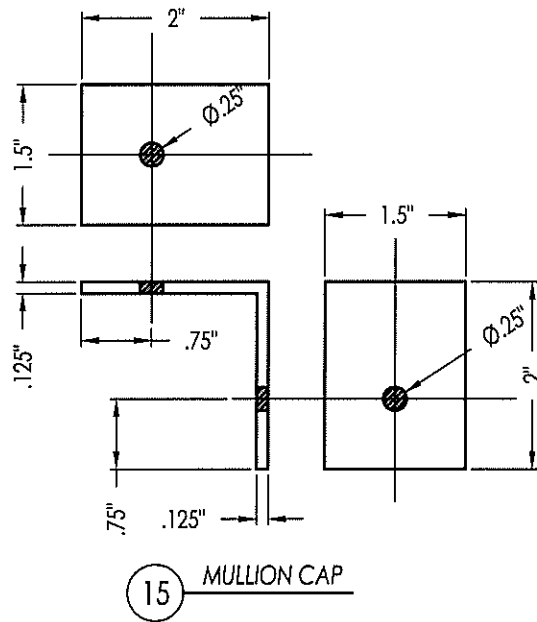
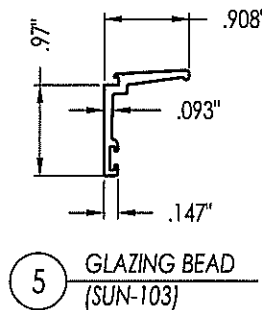
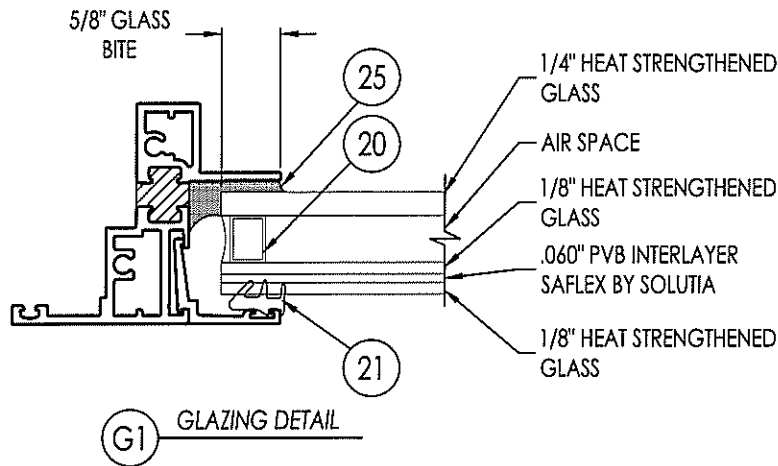
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10/5/20
FL 46716

GORDON D. THOMAS
LICENSE
No. 46718
★
STATE OF
FLORIDA
★
PROFESSIONAL ENGINEER

 SUN METALS

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	ANCHOR—SEE ANCHOR ELEVATION SHEET	-
B	ANCHOR—SEE ANCHOR ELEVATION SHEET	-
C	1/4" SHIM SPACE	-
3	FRAME (#SUN 101)	6063-T6 ALUM
4	VENT (#SUN 102)	6063-T6 ALUM
5	GLAZING BEAD (#SUN 103)	6063-T6 ALUM
6	MULLION (#SUN 276)	6063-T6 ALUM
7	#14 X 3/4" SMS	STEEL
8	.063" CORNER KEY (H-467)	3003 ALUM
9	.080" CORNER KEY (H-452)	3003 ALUM
10	SNUBBER	STEEL
11	SNUBBER	STEEL
12	THERMAL BREAK	POLYURETHANE
14	SETTING BLOCK 1/4" X 1" X 4" LONG (@ 1/4 POINTS)	SILICONE
15	MULLION CAP	6063-T6 ALUM
16	1/4" X 1-3/4" PFH SMS	STEEL
17	LOCK ASSEMBLY W/ FRAME GASKET (TRUTH)	ZAMAK
18	TIE BAR ASSEMBLY (TRUTH)	PLTED STL.
19	TIE BAR GUIDE (TRUTH)	NYLON
20	1/2" GLASS SPACER	ALUM
21	EXTRUDED 70 DURO. EPDM BULB GASKET (TR12911E)	EPDM
22	FRAME BULB SEAL (TR-4392P)	EPDM
23	VENT BULB SEAL (TR-13100P)	PEROX. EPDM
24	OPERATOR (TRUTH)	ZAMAK
25	STRUCTURAL SILICONE (TREMCO TREMSIL 600)	SILICONE
30	#12 X 5/8" Sq.Dr. PH SSSMS	STAINLESS
31	#12 X 1 1/4" Sq.Dr. PH SSSMS	STAINLESS
32	#10 X 2" PPH SMS	STEEL
37	CRANK (TRUTH)	ZAMAK



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